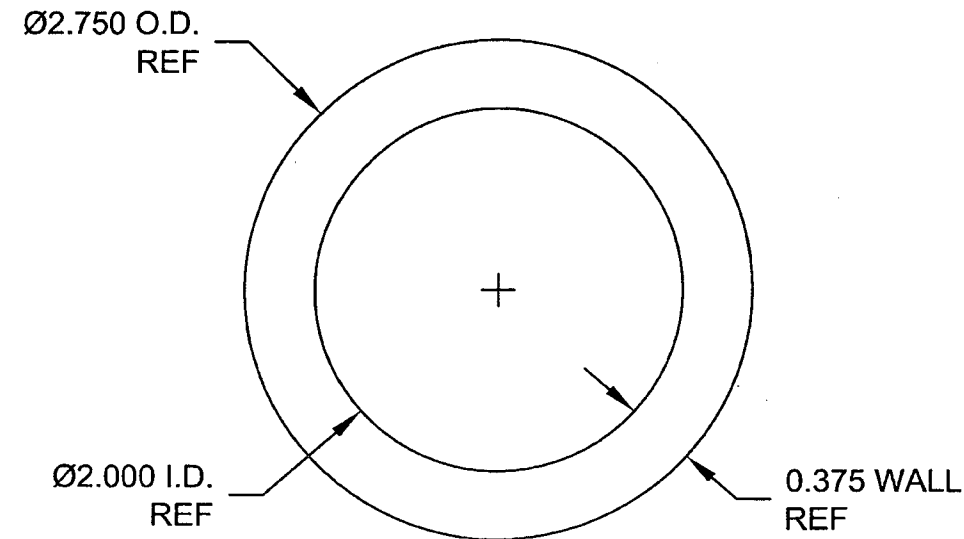


# SPECIFICATION CONTROL DRAWING



## NOTES

1) D6005-XXX CROSSTUBE  
 LENGTH

WHERE XXX IS LENGTH IN INCHES  
 EG. 128" LONG TUBE: D6005-128

2) MATERIAL: 2.750 OD x 0.375 WALL 7075-T6/T6511 SEAMLESS ALUMINUM TUBE.  
 PER ASTM B210 OR WW-T-700/7 OR QQ-A-225/9 OR QQ-A-200/11  
 MINIMUM ULTIMATE TENSILE STRENGTH = 77 ksi  
 MINIMUM YIELD TENSILE STRENGTH = 66 ksi

3) TOLERANCES ARE AS FOLLOWS:  
 O.D.:  $\pm 0.008$  MEAN ( $\pm 0.012$  INCLUDING OVALITY)  
 WALL:  $\pm 0.015$  MEAN ( $\pm 0.038$  INCLUDING ECCENTRICITY)  
 LENGTH: XXX  $+0.125/-0.000$   
 STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH

4) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

5) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

**RELEASED**  
 CP 13/2/7  
 PER ECN 13-537

B	O.D. TOL. NOW 0.008 WAS 0.006, ADD ASTM B210	CP	12.10.29
A	NEW ISSUE	CP	00.11.17
REV.	DESCRIPTION	BY	DATE
DESIGN	q	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	q		
CHECKED	ASS	DRAWING NO.	REV. B
MFG. APPR.	Red	D6005	SHEET 1 OF 1
APPROVED	W	TITLE	SCALE
DE APPR.	W	CROSSTUBE MATERIAL	NTS
DATE	12.10.29	COPYRIGHT © 2000 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	